

B' *amcl* 2 a rotor with a permanent magnet having P (P is an integer not less  
3 than two) polarities and a polarity angle; and  
4 a stator facing said rotor and having a plurality of coils,  
5 wherein any one of the coils has isosceles sides interlinking with a  
6 magnetic field generated by the polarities extension lines of the isosceles sides  
7 extending along centers of winding-bundles of the coil, crossing each other at a  
8 shaft center and having a vertex angle of  $360/P$  degree, the vertex angle being equal  
9 to the polarity angle.